



# ENERGY ASSURANCE DAILY

Monday Evening, February 04, 2008

## *Electricity*

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### **FPL's 1,155 MW Seabrook Nuke Unit 1 in New Hampshire Reduced to 50 Percent by February 4**

The unit was at full power by February 2, ramped up from an earlier outage, based on Nuclear Regulatory Commission reports.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Exelon's 1,134 MW Limerick Nuke Unit 2 in Pennsylvania Shut by February 2**

The Nuclear Regulatory Commission reported that on the morning of February 1 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois Shut by February 4**

The Nuclear Regulatory Commission reported that on the morning of February 3 the unit was operating at 76 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **PPL's 1,105 MW Susquehanna Nuke Unit 1 in Pennsylvania at Full Power by February 4**

The unit reduced to 85 percent power by February 3, according to the Nuclear Regulatory Commission.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Exelon's 1,093 MW Peach Bottom Nuke Unit 3 in Pennsylvania Reduced to 63 Percent by February 2**

The company reduced the unit after a safety relief valve failed. The Nuclear Regulatory Commission reported that on the morning of February 1 the unit was operating at full power.

Bloomberg, 11:24 February 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **PG&E's 1,087 MW Diablo Canyon Nuke Unit 2 in California Shut by February 4**

The unit reduced to 30 percent power by February 3, and shut completely by February 4. It was at 94 percent power the morning of February 2, according to a Nuclear Regulatory Commission report.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **SCE's 1,080 MW San Onofre Nuke Unit 3 in California Reduced to 65 Percent by February 4**

The company slowed the unit to repair a water pump, a news source said. The unit will resume full capacity in several days, a company spokesman said. The unit was at full power the morning of February 3, the Nuclear Regulatory Commission reported.

Bloomberg, 12:55 February 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **PSE&G's 1,049 MW Hope Creek Nuke Unit 1 in New Jersey at Full Power by February 3**

The unit reduced to 73 percent power by February 2, down from full power the morning of February 1, according to the Nuclear Regulatory Commission.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Indiana-Michigan Power's 1,000 MW D.C. Cook Nuke Unit 1 in Michigan Shut by February 3**

The unit shut by February 3 due to high turbine vibration, based on a news source and a Nuclear Regulatory Commission report. On the morning of February 2, the unit was operating at full power.

Reuters, 09:41 February 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Dominion's 917 MW North Anna Nuke Unit 2 in Virginia Shut by February 2**

The company shut the unit to replace a seal on a reactor coolant pump, a news source said. A spokesman said the shutdown would be "brief," but did not give a timetable for the unit's return. On the morning of February 1, the unit was at full power, the Nuclear Regulatory Commission reported.

Bloomberg, 12:12 February 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Southern's 856 MW Hatch Nuke Unit 1 in Georgia Shut by February 4**

The Nuclear Regulatory Commission reported that on the morning of February 3 the unit was operating at 90 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Luminant's 793 MW Martin Lake Coal-fired Unit 1 in Texas Shut February 3**

According to a filing with state regulators, a cooling pump tripped while the unit was at load, causing the boiler to trip. The unit is restarting February 4, a later filing said.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103223>

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103224>

Reuters, 12:20 February 4, 2008

### **FirstEnergy's 882 MW Davis-Besse Nuke Unit in Ohio Ramped Up to 20 Percent by February 2**

The Nuclear Regulatory Commission reported that on the morning of February 1 the unit was operating at 4 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Exelon's 855 MW Quad Cities Nuke Unit 1 in Illinois Ramped Up to 87 Percent by February 4**

The unit reduced to 35 percent power by February 2, down from 97 percent the morning of February 1, the Nuclear Regulatory Commission reported.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Elk Hills Power's 552 MW Elk Hills Gas-fired Unit in California Returns to Service February 1**

According to the California Independent System Operator, the unit experienced an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200802011515.html>

### **Reliant's 246 MW Coolwater Gas-fired Unit 4 in California Returns to Service February 1**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 126 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200802011515.html>

### **Delta Power's 240 MW Crockett Cogen Gas-fired Unit in California Returns to Service February 3**

According to the California Independent System Operator, the unit experienced an unplanned outage on February 2.

<http://www.caiso.com/unitstatus/data/unitstatus200802031515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200802021515.html>

### **Duke's 222 MW Southbay Gas-fired Unit 4 in California Shut February 3**

According to the California Independent System Operator, the unit experienced an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200802031515.html>

### **Mirant's 206 MW Potrero Gas-fired Unit 3 in California Returns to Service February 3**

According to the California Independent System Operator, the unit experienced an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200802031515.html>

### **Update: Exelon's 1,161 MW Braidwood Nuke Unit 1 in Illinois at Full Power by February 3**

Exelon reduced the unit to 16 percent by February 1 to check a reactor coolant pump's oil level, a news source said. The Nuclear Regulatory Commission reported that on the morning of February 2 the unit was operating at 85 percent.

Reuters, 08:29 February 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: Luminant's 1,150 MW Comanche Peak Nuke Unit 1 in Texas Ramps Up to 72 Percent by February 4**

Luminant shut the unit February 1 to perform work on the turbine generator, a news source said.

Reuters, 09:12 February 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: DTE's 1,089 MW Fermi Nuke Unit 2 in Michigan Ramped Up to 35 Percent by February 4**

The unit shut January 31 after two reactor recirculation pumps failed. The Nuclear Regulatory Commission reported that on the morning of February 3 the unit was operating at 5 percent.

Bloomberg, 10:17 February 1, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: SCANA's 966 MW Summer Nuke Unit in South Carolina at Full Power by February 3**

A feedwater system problem shut the unit by January 25. It restarted by February 1, and ramped up to 36 percent power by February 2.

Reuters, 08:08 February 1, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: FPL's 514 MW Point Beach Nuke Unit 1 in Wisconsin Ramping up by February 4**

The company declared an unusual event after it lost off-site power January 15, according to a news source. It shut the unit on January 16, the source said, because it could not fix the problem within the mandated time frame. The unusual event ended January 16. FPL restored the unit to 1 percent power by February 4, according to a Nuclear Regulatory Commission report.

Reuters, 09:09 February 4, 2008

### **Dominion Proposes to Convert 254 MW Coal-fired Bremo Power Station to Natural Gas**

The move comes as part of Dominion's plan to build the 585 MW, coal-fired Virginia City Hybrid Energy Center. That facility would burn a mix of coals, including coal waste, and some biomass, according to a press release.

<http://www.dom.com/news/elec2008/pr0204.jsp>

### **NRG's Padoma, BP Jointly Plan 150 MW Sherbino Wind Farm in Texas**

Padoma Wind Power, an NRG subsidiary, began building the 50-turbine wind farm in late 2007, according to an NRG release. When complete, BP Alternative Energy North America will manage the facility's operations and dispatch, the release said. Commercial operation is scheduled for the second half of 2008.

<http://www.snl.com/irweblinkx/file.aspx?IID=4057436&FID=5552230>

### **CL&P Plans 265 MW of New Peaking Power Plants in Connecticut**

Connecticut Light and Power (CL&P) submitted plans to build two peaking power stations—a 65 MW power plant in Waterbury, and another four units, totaling 200 MW, in Lebanon. The Waterbury plant would enter service in February, 2010, and the Lebanon units would come online in June, 2010, a news source said. CL&P filed its plans with the state on February 1.

Reuters, 18:31 February 1, 2008

## ***Petroleum***

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### **Update: BP Plans to Restart Crude Unit at 475,000 b/d Texas City, Texas Refinery February 4—Says it Restore Capacity to 400,000 b/d by End of Q1, 2008**

BP planned to restart the 275,000 b/d crude unit February 4. That unit has been down for more than two years, a news source said. BP also said it expected to restore a pipestill unit February 4. That restart, however, could be pushed back until February 15, the company said in a filing with Texas regulators.

Reuters, 08:12 February 4, 2008

Reuters, 10:25 February 4, 2008

Bloomberg, 10:58 February 4, 2008

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102775>

### **Update: BP Restarts 120,000 b/d FCCU at 475,000 b/d Texas City, Texas Refinery**

The company restarted the gasoline-producing fluid catalytic cracking unit (FCCU) over the weekend, a news source said. The unit shut last week due to an electrical fault.

Bloomberg, 10:58 February 4, 2008

### **FCCU Problems at Valero's 325,000 b/d Port Arthur, Texas Refinery February 1**

According to a filing with state regulators, the refinery experienced a hitch with a gasoline-producing fluid catalytic cracking unit (FCCU) February 1. The incident resulted in flaring.

Reuters, 18:02 February 1, 2008

### **Chevron Restarts 90,000 b/d FCCU at 260,000 b/d El Segundo, California Refinery**

The weekend restart of a gasoline-producing fluid catalytic cracking unit (FCCU) resulted in flaring, a source said.

Bloomberg, 06:41 February 4, 2008

### **Flaring at Valero's 182,200 b/d Delaware City, Delaware Refinery**

A defective valve in a combustion turbine may be to blame for the flaring, a source said.

Bloomberg, 02:53 February 4, 2008

### **Leak at Alon's 67,000 b/d Big Spring, Texas Refinery February 1**

According to a filing with state regulators, workers repaired a leak at the refinery. The incident resulted in flaring.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103184>

### **U.S. Plans to add \$584 Million of Oil to SPR by September's End**

The Department of Energy will buy \$584 million of oil for the Strategic Petroleum Reserve (SPR) by September's end, the White House said February 4. Refiners purchased about 11 million barrels of oil from the SPR in the aftermath of Hurricane Katrina, in 2005. That money will be used to purchase the oil.

Reuters, 08:43 February 4, 2008

## **Petrobras and Turkiye Petrolleri Discover Oil in Black Sea—Unspecified Amount is Large Enough to Meet Turkish Demand, Official Says**

The discovered reserves, according to an official, are large enough to meet Turkey's daily demand of 600,000 b/d, a news source said. The companies will begin drilling in 2010, Turkiye Petrolleri's. Bloomberg, 04:26 February 4, 2008

## **Natural Gas**

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### **Union Gas Holds Open Season for Up to About 211 Million cf/d of Additional High Deliverability Natural Gas Storage at Dawn Hub Facility in Ontario**

Union Gas seeks bids for high deliverability storage and short notice balancing services, it said in a news release. The Dawn Hub facility is located in Southwestern Ontario.  
<http://www.uniongas.com/news/releases/2008/Feb42008.asp>

### **Turbine Shuts at Goldsmith Gas Plant in Texas February 3**

According to a filing with state regulators, the B-Turbine shut due to high vibration on the Raw Gas compressor. Workers returned the B-turbine to service. The incident lasted less than an hour, and resulted in flaring.  
<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103230>

### **Unit Shut at Welch CO2 Gas Processing Facility February 2**

According to a filing with state regulators, the 202 unit shut due to low lube oil flow. It returned to service within three hours.  
<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103222>

## **Other News**

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### **Fog Shuts Houston Ship Channel, Spurring Oil Prices February 4**

Twenty-six inbound vessels and fourteen outbound vessels were stalled February 4, the Coast Guard said. Bloomberg, 12:38 February 4, 2008

### **Weak Dollar, High Demand Spur U.S. Coal Industry**

Demand for U.S. coal is on the rise, a news source said, thanks to a declining dollar, high foreign demand, and lagging competition. China, India, and other developing nations are importing more U.S. coal, the source said, as other coal exporters struggle to meet demand.  
[http://www.dailypress.com/business/dp-biz\\_coal\\_0203feb03.0.6554662.story](http://www.dailypress.com/business/dp-biz_coal_0203feb03.0.6554662.story)

## **Energy Prices**

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<b>U.S. Oil and Gas Prices</b> February 4, 2008			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	90.64	89.79	59.01
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	7.88	7.80	8.17

Source: Reuters

**Ice Storm Cuts Power to 15,000 Duke Energy, 9,000 Progress Energy Customers February 1&2—Most Restored by February 2**

<http://www.blueridgenow.com/article/20080202/NEWS/242532459>

<http://www.progress-energy.com/shared/outages/car/index.html>

**Update: The Alberta Energy and Utilities Board Grants Final Approval for Plan by Montana Alberta Tie Ltd to Build 215-mile, 230 kV AC Power Line from Alberta to Montana**

<http://www.theenergynews.com/news/article.php?storyid=5535&newstype=energyrelease>

**Update: Proposed Second Nuclear Reactor at Point Lepreau, New Brunswick Power Station is Feasible, Official to Say—Unit Would Provide Almost 1,100 MW of New Power**

[http://canadianpress.google.com/article/ALeqM5g7XO79VhJ1erBB6s2fp\\_ru0P\\_2Hw](http://canadianpress.google.com/article/ALeqM5g7XO79VhJ1erBB6s2fp_ru0P_2Hw)

**NRC Chairman: Progress Energy's Shearon Harris Nuclear Power Plant in North Carolina is Secure—Critics Say Fire-Resistant Insulation Does Not Meet NRC Specifications**

[http://biz.yahoo.com/ap/080201/nc\\_harris\\_fire\\_safety.html?v=1](http://biz.yahoo.com/ap/080201/nc_harris_fire_safety.html?v=1)

**Fire Shuts StatoilHydro's 17,000 b/d Njord A Platform in Norway February 4**

Reuters, 04:44 February 4, 2008

**Instrument Tubing Failure at Tilden Gas Plant in Texas February 2**

**Back in Service February 2**

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103208>

**MidAmerican Brings Online 142 New Wind Turbines in Iowa During January, 2008**

<http://powermarketers.netcontentinc.net/newsreader.asp?ppa=8knpp%5E%5CiiInljqZSfdy30qbfen%5Fv>

**Electrical Problem Stops Oil Exports from Kirkuk, Iraq to Turkey February 4**

**Pending Repairs, Throughput to Restart Later February 4, Engineer Says**

Reuters, 04:51 February 4, 2008

Reuters, 05:51 February 4, 2008

## Links

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***This Week in Petroleum*** from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

## ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

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